

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,732,589 B2
APPLICATION NO. : 10/500586
DATED : June 8, 2010
INVENTOR(S) : Kim et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 11, "filed of Jan. 21, 2003" should read --filed on Jan. 21, 2003--;
Line 57, "cause" should read --causes--.

Column 4,

Line 50, "5'-ATGCCMGGAGATCGAGCT-3'" should read
--5'-ATGCCAAGGAGATCGAGCT-3'--;
Line 52, "5'-MGGTGCCGCGGATCTTGT-3'" should read
--5'-AAGGTGCCGCGGATCTTGT-3'--.

Column 14,

Lines 9 and 10, "100 A phenol:chloroform:isopropylalcohol" should read
--100 μ l phenol:chloroform:isopropylalcohol--;
Line 31, "623-bp" should read --1623-bp--.

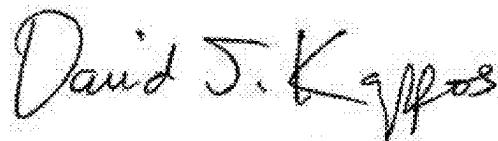
Column 16,

Line 15, cancel "is".

Column 64,

Line 14, "*M mahnoense*" should read --*M. malmoense*--.

Signed and Sealed this
Twenty-fifth Day of January, 2011



David J. Kappos
Director of the United States Patent and Trademark Office